

LYON METALLIC MFG. CO.

Manufacturers of Steel Shelving and Steel Lockers

AURORA, ILL.

CHICAGO OFFICE, 835 Peoples Gas Building
NEW YORK OFFICE, 467 Hudson Terminal Building
CINCINNATI OFFICE, 2305 Union Central Building

DETROIT OFFICE, 1801 Ford Building
PITTSBURGH OFFICE, 629 Oliver Building

Products.

LYON ADJUSTABLE and EXTENSIBLE STEEL SHELVING and STORAGE RACKS; STEEL LOCKERS.



Also, Steel Cabinets, including Blue Print and Stationery Cabinets; Steel Boxes, Barrels, Tool Boxes and Bench Drawers; Steel Benches and Tables; Steel Factory Desks, and Steel Enclosure Panels.

Standardization of Shelving and Racks.

Lyon shelving and racks are thoroughly standardized in every particular. All parts and attachments are interchangeable, reversible and adjustable, and racks are easily rearranged to meet changing conditions.

Every type of shelving, such as the "Open" or Skeleton Type, and the "Closed" Type, is assembled from the same standard parts, no special construction being needed for any style.

Suggestions for the Use of Lyon Shelving.

The following suggestions for the use of both Lyon Standard and Commercial Shelving, a lighter type of shelving than the Standard, are the results of 15 years' experience in the solving of shelving and storage problems to meet practically every requirement.

Our Sales Engineering Department is ready at all times to go into details, make a study of conditions, work out complete plans and designs, and furnish estimates without charge.

LYON STANDARD SHELVING FOR HEAVY LOAD SERVICE—Built on the principle of putting shelves under compression. Each shelf is placed on two $\frac{7}{8}$ in. diameter rods which are threaded at one end and tapped at the other. Threaded ends of these rods pass through upright face strips into tapped ends of next rods, rods shouldering against face strips, so that when drawn up, the shelf is put under compression. Thus every shelf adds to rigidity of rack.

Lyon shelving will support heavier loads per weight of metal used than any other design of rack made. Standard shelves will support from 200 to 350 lbs. per sq. ft., depending upon area, with ample factor of safety.

Uses for Standard Open or "Skeleton" Type—For metal pattern storage in foundries; in wholesale hardware houses, machinists' supply houses, etc., for material and heavy packages which pile or stack; for paper stock and the like in printing establishments, binderies, etc.; in factories, warehouses, etc., for storage of heavy package goods and supplies not requiring bins or pockets.

Uses for Standard Closed Type—In stockrooms, public service corporation shops, warehouses, tool rooms, supply houses, machineshops, etc., for quantities of bulk material requiring bins and pockets.

LYON COMMERCIAL SHELVING FOR ORDINARY LOAD SERVICE—Consists primarily of three members—the uprights, the shelves, and the shelf supporting clips. The shelves are adjustable and interchangeable, and may be adjusted on $1\frac{1}{2}$ -in. centers. It is easily and quickly erected and adjusted—a screw driver being the only tool required.

SIZES OF LYON STANDARD RACK PARTS

PART NO. 1. UPRIGHT PARTITIONS
Heights. 48"-54"-60"-66"-72"-78"-84"-
90"-96"-102"-108"-114"-120"-
126"-132"-144"-156"-168"-
180"-192"-216"-240"
Depths. 12"-15"-18"-24"-30"-36"-42"-
48"

PART NO. 18. SKELETON UPRIGHTS
Same as Upright Partitions

PART NO. 2. SHELVES
Widths. 18"-24"-30"-36"-42"-48"
Depths. 12"-15"-18"-24"-30"-36"-42"-
48"

PART NO. 34. BACKS
Heights. Same as Upright Partitions
Widths. 18"-24"-30"-36"-42"-48"

PART NO. 4. CROSSWISE DIVIDERS
Heights. 5"-8"-11"-14"-17"-20"-23"
Depths. 12"-15"-18"-24"-30"-36"-42"-
48"

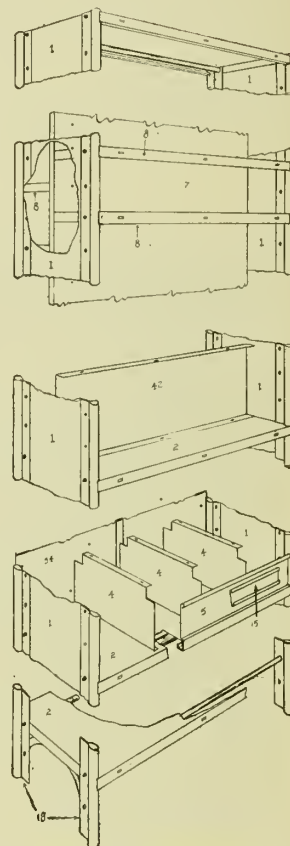
PART NO. 42. LENGTHWISE DIVIDERS
Heights. 5"-8"-11"-14"-17"-20"-23"
Widths. 18"-24"-30"-36"-42"-48"

PART NO. 5. BIN FRONTS
Heights. 2"-3"-4"-5"-6"-8"
Widths. 18"-24"-30"-36"-42"-48"

PART NO. 8. HALF SHELVES
Widths. 18"-24"-30"-36"-42"-48"
Depths. 12"-15"-18"-24"

PART NO. 7. DIVIDING BACKS
Heights. 48"-54"-60"-66"-72"-78"-84"-
90"-96"-102"-108"-114"-120"
Widths. 18"-24"-30"-36"-42"-48"

PART NO. 15. LABEL HOLDERS
Heights. $\frac{7}{8}$ "-2"
Widths. 18"-24"-30"-36"-42"-48"



CONSTRUCTIVE VIEW, LYON STANDARD RACK PARTS

Uses for Commercial Type, Open or "Skeleton"

—In wholesale drug houses, mercantile establishments, wholesale groceries, stationery houses, etc., for package goods, general merchandise, etc., not requiring bins or pockets; for display purposes in hardware stores, garages, retail supply houses, etc.; for wood pattern storage in foundries, etc.

Uses for Commercial Type, Closed—In repair shops, garages, retail hardware stores, etc., where small quantities of bulk material, such as supplies, repairs, light hardware, etc., requiring bins, pockets, etc., are kept.

A Partial List of Lyon Shelving Installations.

Each of the following exceed \$20,000.

American Can Co., various Plants
American Locomotive Co., Providence, R. I.
Anheuser Busch Brewing Association, St. Louis, Mo.
Bethlehem Steel Co., South Bethlehem, Pa.
Bosch Magneto Co., Springfield, Mass.
Boston Store, Chicago, Ill.
City of New York
Chicago Telephone Co., Chicago, Ill., various Divisions
Dayton Engineering Laboratories, Dayton, Ohio
Eastman Kodak Co., Rochester, N. Y.
Fisk Rubber Co., Chicopee Falls, Mass., and Milwaukee, Wis.
Ford Motor Co., Detroit, Mich.
General Electric Co., various Plants and Branches
General Motors Co., various Divisions
General Vehicle Co., Long Island City, N. Y.
Goodyear Tire & Rubber Co., Akron, Ohio, and Branches
International Harvester Co., various Plants, and Branches
International Silver Co., various Plants and Branches

Features of Lyon Standard Steel Locker.

- (1) Door opening always true and square; reinforced welded one-piece door frame.
- (2) Gravity actuated locking device; a single forward pull operates locking device and opens door; engages automatically by merely pushing door shut; simple, strong, secure.
- (3) All corner joints have double overlapping flanges.
- (4) Back legs strengthen and stiffen entire locker base.
- (5) Overlapping flanges at door corners.
- (6) Door will always shut and latch properly.
- (7) Impossible to pry door open; three locking fingers and three door jambs interlock.
- (8) Locker door, because of rigid reinforcing, will not get out of alignment.
- (9) Hinge can not be forced; securely riveted in position.

SPECIFICATIONS and EQUIPMENT—**DOOR AND DOOR FRAME**

Construction—Full pickled, cold rolled furniture steel .0375 in. thick. Lapping back both sides of door sheet, to form the tubular reinforcement, provides double thickness of metal where hinges, locking device, lock and handle are attached. Tubular reinforcement, as shown in illustration.

Upright member $1 \times 1 \times \frac{1}{8}$ in. hard steel angles. Horizontal member $1\frac{1}{2} \times \frac{3}{4} \times \frac{5}{16}$ in. hard steel channels. All joints are butt-welded and lap-welded.

Hinges—Double butt hinge riveted to both door and angle door frame. Number of hinges to be determined by height of door as follows:

72 ins. high, 4 hinges
60 ins. high, 3 hinges

42 ins. high, 2 hinges
36 ins. high, 2 hinges

Locking Device—Gravity actuated, controlled by special pivot handle and locked with either flat key, master keyed Yale & Towne lock, or ordinary padlock. Number of locking points to be determined by height of door as follows:

72 ins. high, 3 locking points
60 ins. high, 3 locking points

42 ins. high, 2 locking points
36 ins. high, 2 locking points

Ventilation—By means of either "louver" or "standard" ($\frac{1}{2}$ in. round hole) perforations in doors. "Half" perforation as shown, or "full" perforated doors (perforations full length.)

BODY

Backs and Sides—Full pickled, cold rolled steel .025 in. thick, flanged four sides. Reversible and interchangeable with others of same size.

Top—Full pickled, cold rolled steel .025 in. thick. Either flat or sloping. Flat tops and bottoms of same sizes are interchangeable.

Bottom—Full pickled, cold rolled steel .025 in. thick. Bottom is offset to fit inside and flush with top of cross channel of door frame. Bottoms are interchangeable with others of same size. Bottoms and flat tops of same sizes are interchangeable.

Legs— $1 \times 1 \times \frac{1}{8}$ in. hard steel angle, 6 ins. long; adjustable; have feet punched for securing to floor.

HAT SHELF

In single tier lockers only, placed $10\frac{1}{2}$ ins. from top.

HOOKS

All lockers have 1 double prong ceiling hook. Lockers 12 ins. wide to have 1 single prong hook on back and 1 on each side. Lockers over 12 ins. wide to have 2 single prong hooks on back and 1 on each side.

FINISH

Two coats of olive green or black enamel baked on at a temperature to secure maximum toughness and durability.

NUMBERING

Each locker to be numbered by means of an etched aluminum plate with black enameled sunken figures.

METHOD OF SHIPMENT—Lockers are shipped either set up or knocked down as may be the most economical according to existing conditions and quantity required. Quotations on the complete installation delivered and erected in position, ready for use, when desired.

SPECIAL SIZES—While we make special sizes of lockers to meet certain particular requirements, their use



LYON STANDARD STEEL LOCKER

One section of two lockers, single tier, single row

STANDARD SIZES

SINGLE TIER			DOUBLE TIER		
Depth	Width	Height	Depth	Width	Height
12 ins.	12 ins.	60 ins.	12 ins.	12 ins.	36 ins.
15 ins.	15 ins.	72 ins.	15 ins.	15 ins.	42 ins.
18 ins.	18 ins.		18 ins.	18 ins.	
24 ins.	24 ins.				

Height does not include 6-in. legs.

Any combination of the above sizes makes up a Standard Locker.

is not recommended unless absolutely necessary, on account of the cost being invariably higher than that of standard sized lockers.

Better service and lower prices can be given on standard sized lockers, because they are made in large quantities and our stock is maintained, as nearly as possible, to take care of practically all requirements.

INFORMATION FOR PRICES—Locker prices are based on quantity, size and arrangement. As these factors vary with every installation, complete information of the installation desired should be furnished so that we may quote lowest prices f.o.b. destination.

If the requirements are not definitely determined upon, the approximate quantity, sizes and sectionizing may be submitted, or, on receipt of information as to the department to be equipped, our engineering department will make suggestions as to the arrangement of the lockers, the size required, interior fittings, etc., basing their suggestions on 15 years' experience in this line.

Please advise on the following:

- (1) Quantity.
- (2) Size.
- (3) Arrangement: Single row (wall lockers); double row (back to back).
- (4) Sectionizing. Number of lockers or openings to each section in the above arrangement.
- (5) Furnish sketch of floor plan if possible.